

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	((NORIYA) near2 (HAYASHI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 12:45
S2	51	((NORIYA) near2 (HAYASHI)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/09/25 12:45
S3	5	((YOSHIYUKI) near2 (TASAKA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 12:46
S4	56	((YOSHIYUKI) near2 (TASAKA)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/09/25 12:46
S5	5	((NOBUO) near2 (ISHIHARA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 12:46
S6	56	((YOSHIYUKI) near2 (TASAKA)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/09/25 12:46
S7	51	((NOBUO) near2 (ISHIHARA)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/09/25 12:46
S8	1780	mitsubishi adj heavy adj industries.AS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 12:53
S9	1014	neutron near shield\$	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 12:53
S10	31	S8 and S9	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 12:53
S11	2	"6599954"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/25 12:55
S12	75	("20070128906" "4406468" "4463992" "4991355" "6150616" "6629957" "6642728" "6915722" "7122807" "20040007096" "20050072938" "4864227" "5614660" "5809388" "5891092" "7425153" "20050106552" "20060010968" "3847333" "4233493" "4354686" "4392707" "4419011" "4628620" "4679961" "4854169" "4889271" RE33438 "5620122" "5752359" "6002532" "6364826" "6400052" "6783471" "6802591" "6883382" "6909222" "6976908"	US-PGPUB; USPAT	OR	OFF	2008/09/25 12:56

		"7156436" "20020008864" "20020160698" "20030151639" "20040112139" "20050124269" "20060197350" "20080048686" "20080117401" "4677474" "4869366" "6289832" "6720781" "7101439" "7232354" "20010013787" "20040082842" "20070032701" "20070089655" "20070106243" "4774963" "4790817" "5231856" "5277311" "5342389" "5410807" "5456716" "5695477" "5893730" "6027049" "6298179" "6475135" "6575992" "6655983" "7115124" "7335209" "20030208100" ).pn.				
S14	4	"2003050295"	EPO; JPO; DERWENT	OR	OFF	2008/09/25 12:58
S15	3	"2004061463"	DERWENT	OR	OFF	2008/09/25 14:37
S16	582	524/404.CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:40
S17	657	neutron adj shield\$	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:40
S18	3	S16 and S17	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:40
S19	4	boron and (density- increasing adj agent)	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:40
S20	1	S17 and S19	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:40
S21	9931	(magnesium adj hydroxide) and (aluminum adj hydroxide)	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:41
S22	7	S17 and S21	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:41
S23	18425	refractory adj material	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:42
S24	12	S17 and S23	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:42

S25	7096	324/754, 81/59.1, 250/484.4.CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/25 14:43
S27	2	"2002224084"	DERWENT	OR	OFF	2008/09/26 09:55
S28	11	("4230660"   "5245195"   "5641970"   "5908884"   "6517743"   "6605817"   "6608319"   "6764617"   "6797972"   "6960311"   "7160486").PN. OR ("7327821").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 11:22
S29	11	("4230660"   "5245195"   "5641970"   "5908884"   "6517743"   "6605817"   "6608319"   "6764617"   "6797972"   "6960311"   "7160486").PN. OR ("7327821").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 11:22
S30	64	sea adj water adj magnesium	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 11:37
S31	490	neutron adj shield	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 11:37
S32	1	S30 and S31	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/02 11:37
S33	31608	density near increase	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 13:21
S34	545	neutron adj shielding	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 13:22
S35	3	S33 and S34	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 13:22
S36	151	bisphenol and (refractory adj material)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 13:22
S37	0	S35 and S36	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 13:22
S38	4	S34 and S36	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 13:22
S39	303	neutron adj shielding	DERWENT	OR	OFF	2009/07/14 13:23
S40	2804	density near increase	DERWENT	OR	OFF	2009/07/14 13:23
S41	3	S39 and S40	DERWENT	OR	OFF	2009/07/14 13:23
S42	53441	metal near10 powder	DERWENT	OR	OFF	2009/07/14 13:23
S43	68	S40 and S42	DERWENT	OR	OFF	2009/07/14 13:23
S44	2	S39 and S43	DERWENT	OR	OFF	2009/07/14 13:23

S45	22715	cask	DERWENT	OR	OFF	2009/07/14 13:24
S46	6	S40 and S45	DERWENT	OR	OFF	2009/07/14 13:24
S47	1802	neutron near20 shield	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/14 13:25
S48	15	S42 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/14 13:25
S49	11	density near (neutron adj shield\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/14 13:26
S50	2	density near cask	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/14 13:26
S51	3	(low-density) near (neutron adj shield\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/14 13:27
S52	7722	324/754, 81/59.1, 250/484.4.OCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/14 13:27
S53	7	("5416333").URPN.	USPAT	OR	OFF	2009/07/14 13:28
S54	15	("2961415"   "3133887"   "3247131"   "4287145"   "4313973"   "4783309"   "6166390"   "6517743"). PN. OR ("6797972"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 13:29
S55	1096	neutron near shield\$	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/17 14:01
S80	415	252/478.OCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/02/18 09:48
S81	928	neutron adj2 shield	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/02/18 09:48
S82	0	density adj25 (neutron adj shield adj material)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/02/18 09:49
S84	5	density with (neutron adj shield adj material)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/02/18 09:49
S85	20	S80 and S81	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/02/18 09:51
S86	0	oxetane and (refractory adj material) and epoxy and (boron)	USPAT	OR	OFF	2010/02/18 09:57

S87	3	oxetane and (refractory adj material) and epoxy and (boron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 09:57
S96	5	density near25 (neutron adj shield adj material)	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/02/18 13:30
S97	6682	radiation near shield	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/02/18 14:10
S98	1287	264/299.CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/18 14:36
S99	1	S96 and "9"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/18 14:36
S100	0	S96 and S98	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/18 14:36
S101	1	S97 and S98	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/18 14:36

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S56	13	((NORIYA) near2 (HAYASHI)).INV.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 13:55
S57	2	((YOSHIYUKI) near2 (TASAKA)).INV.	USPAT; UPAD	OR	OFF	2010/02/17 14:00
S58	2	((YOSHIYUKI) near2 (TASAKA)).INV.	USPAT; UPAD	OR	OFF	2010/02/17 14:00
S59	3	((NOBUO) near2 (ISHIHARA)).INV.	USPAT; UPAD	OR	OFF	2010/02/17 14:00
S60	1352	mitsubishi adj heavy adj industries.AS.	USPAT; UPAD	OR	OFF	2010/02/17 14:01
S61	2136	mitsubishi adj heavy adj industries.AS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:01
S62	623	neutron near shield\$	USPAT; UPAD	OR	OFF	2010/02/17 14:01
S63	1252	S61 and "7"	USPAT; UPAD	OR	OFF	2010/02/17 14:01
S64	19	S61 and S62	USPAT; UPAD	OR	OFF	2010/02/17 14:02

S65	56	( "20070128906" "4406468" "4463992" "4991355" "6150616" "6629957" "6642728" "6915722" "7122807" "20040007096" "20050072938" "4864227" "5614660" "5809388" "5891092" "7425153" "20050106552" "20060010968" "3847333" "4233493" "4354686" "4392707" "4419011" "4628620" "4679961" "4854169" "4889271" RE33438 "5620122" "5752359" "6002532" "6364826" "6400052" "6783471" "6802591" "6883382" "6909222" "6976908" "7156436" "20020008864" "20020160698" "20030151639" "20040112139" "20050124269" "20060197350" "20080048686" "20080117401" "4677474" "4869366" "6289832" "6720781" "7101439" "7232354" "20010013787" "20040082842" "20070032701" "20070089655" "20070106243" "4774963" "4790817" "5231856" "5277311" "5342389" "5410807" "5456716" "5695477" "5893730" "6027049" "6298179" "6475135" "6575992" "6655983" "7115124" "7335209" "20030208100" ).pn.	USPAT; UPAD	OR	OFF	2010/02/17 14:16
S66	499	524/404.OCLS.	USPAT; UPAD	OR	OFF	2010/02/17 14:16
S67	2	S62 and S66	USPAT; UPAD	OR	OFF	2010/02/17 14:17
S68	2	S62 and S66	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:17

S69	8206	324/754, 81/59.1, 250/484.4.OCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:18
S70	6	S65 and S69	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:19
S71	363	neutron adj shield	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:19
S72	37480	polymerization adj initiator	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:19
S73	19614	refractory adj material	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:19
S74	7582	boron adj compound	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:19
S75	1235839	density	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:19
S76	1	S71 and S72 and S73 and S74	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:20
S77	5408	(magnesium adj hydroxide) and (aluminum adj hydroxide)	USPAT; UPAD	OR	OFF	2010/02/17 14:31
S78	140	S71 and S75	USPAT; UPAD	OR	OFF	2010/02/17 14:32
S79	182	S71 and S75	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/17 14:32
S88	2	((NOBUO) near2 (ISHIHARA)).INV.	US-PGPUB	OR	OFF	2010/02/18 09:31
S89	1	"20050157833"	US-PGPUB	OR	OFF	2010/02/18 09:31
S90	2	"20050157833"	US-PGPUB; USPAT	OR	OFF	2010/02/18 09:31
S91	784	neutron near5 shield	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 09:33
S92	349	252/478	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 09:33
S93	416	252/478.OCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 09:33

S94	31	S91 and S93	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 09:33
S95	1	oxetane and (refractory adj material) and epoxy and (boron)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 09:56
S102	416	252/478.CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 13:43
S103	2183	250/515.1, 250/517.1, 250/505.1, 250/518.CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:06
S104	144	523/445.CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:07
S105	902	neutron near10 shield	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:07
S106	55	S103 and S105	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:07
S107	3	S104 and S105	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:07
S108	43	S102 and S103	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:07
S109	908	524/401.CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:07
S110	5035	radiation near shield	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:09
S111	207	gamma near shield	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:09
S112	34	S102 and S110	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:10
S113	11	S102 and S111	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/18 14:10
S114	1735	264/239, 264/299.CCLS	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/22 09:51
S115	63865	(density-increasing adj agent) or (metal near5 powder)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/22 09:51



S116	473	neutron adj shielding	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/22 09:52
S117	0	S114 and S115 and S116	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/22 09:52
S118	46	S114 and S115	US-PGPUB; USPAT; UPAD	OR	OFF	2010/02/22 09:52

**5/ 19/ 2010 3:45:56 PM**

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